

I claim:

1. A method comprising orienting a multilayer film in the machine direction at a draw-down ratio effective to give the film a dart-drop strength that increases with increasing draw-down ratio, wherein the film comprises at least one layer of a linear low density polyethylene (LLDPE) and at least one layer of a high density polyethylene (HDPE) or a medium density polyethylene (MDPE).
2. The method of claim 1 wherein the HDPE has a density within the range of 0.941 g/cm³ to 0.970 g/cm³.
3. The method of claim 1 wherein the MDPE has a density within the range of 0.926 g/cm³ to 0.940 g/cm³.
4. The method of claim 1 wherein the LLDPE has a density within the range of 0.865 to 0.925 g/cm³.
5. The method of claim 1 wherein the film is oriented at a draw-down ratio effective to cause the film delaminating.
6. The method of claim 1 wherein the film is oriented at a draw-down ratio to give the film a dart-drop strength greater than that of the original film.
7. The method of claim 1 wherein the LLDPE, HDPE, and MDPE each has a weight average molecular weight (Mw) within the range of 120,000 to 1,000,000.
8. The method of claim 7 wherein the Mw is within the range of 135,000 to 500,000.
9. The method of claim 7 wherein the Mw is within the range of 140,000 to 250,000.

- 10.** The method of claim 1 wherein the LLDPE, HDPE, and MDPE each has a number average molecular weight (Mn) within the range of 10,000 to 500,000.
- 11.** The method of claim 10 wherein the Mn is within the range of 11,000 to 50,000.
- 12.** The method of claim 10 wherein the Mn is within the range 11,000 to 35,000.
- 13.** An oriented film made by the method of claim 1.
- 14.** A multi-wall film made by the method of claim 5.